

Title: An Auxiliary Gearset Shift Progression Command Generator for a Swap-Shift Automatic Transmission

First Named Inventor: Ihab Soliman  
Atty. Docket No.: FMC 1625 PUS/202-1319

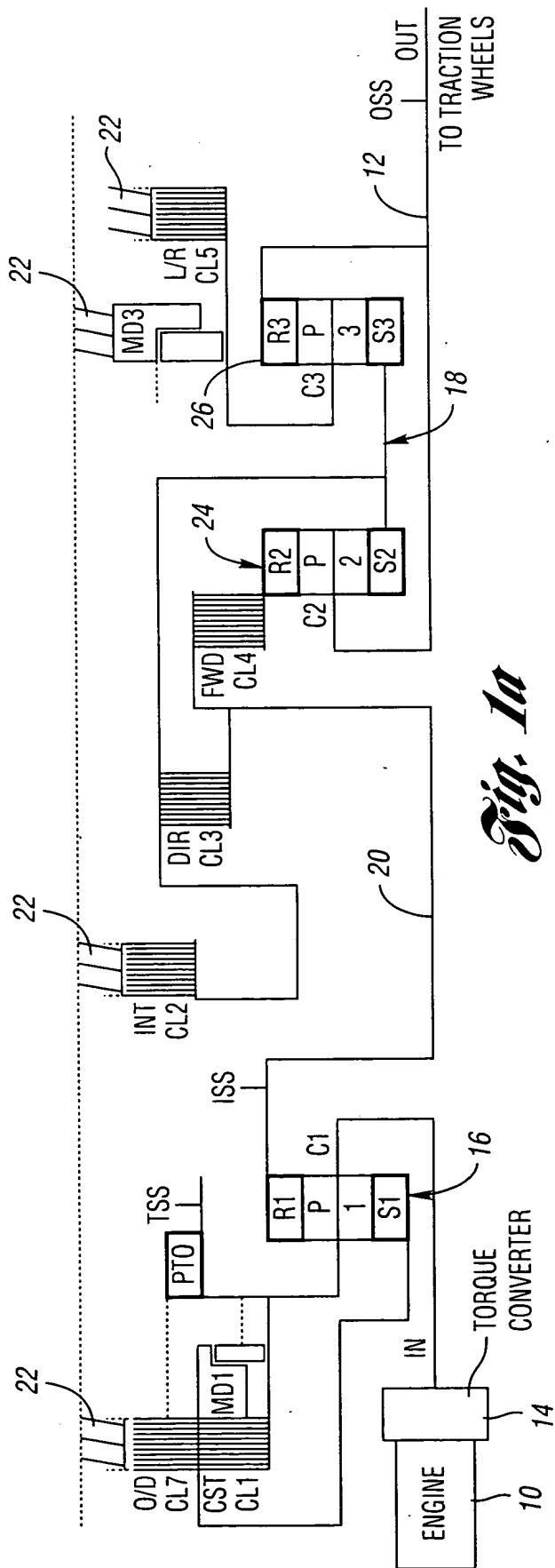


Fig. 1a

Fig. 1b

GEAR	1	2	3	4	5	6
2-SPEED O/D SET	LOW 1	HIGH 0.712	LOW 1	HIGH 0.712	LOW 1	HIGH 0.712
3-SPEED SIMPSON	1st 3.090	1st 3.091	2nd 1.538	2nd 1.539	3rd 1.000	3rd 1.000
TOTAL GEAR RATIO	3.09	2.201	1.538	1.096	1	0.712

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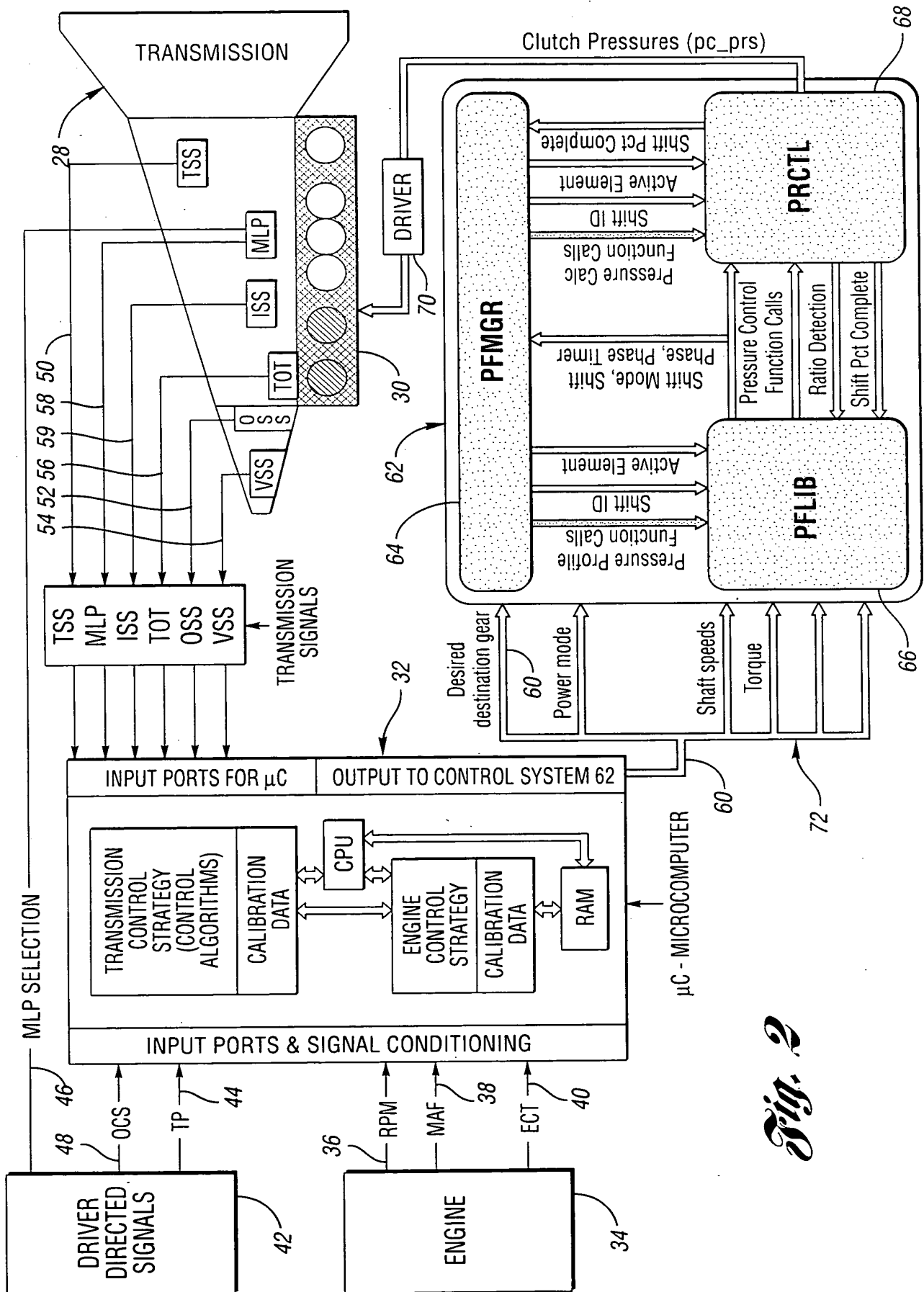


Fig. 2

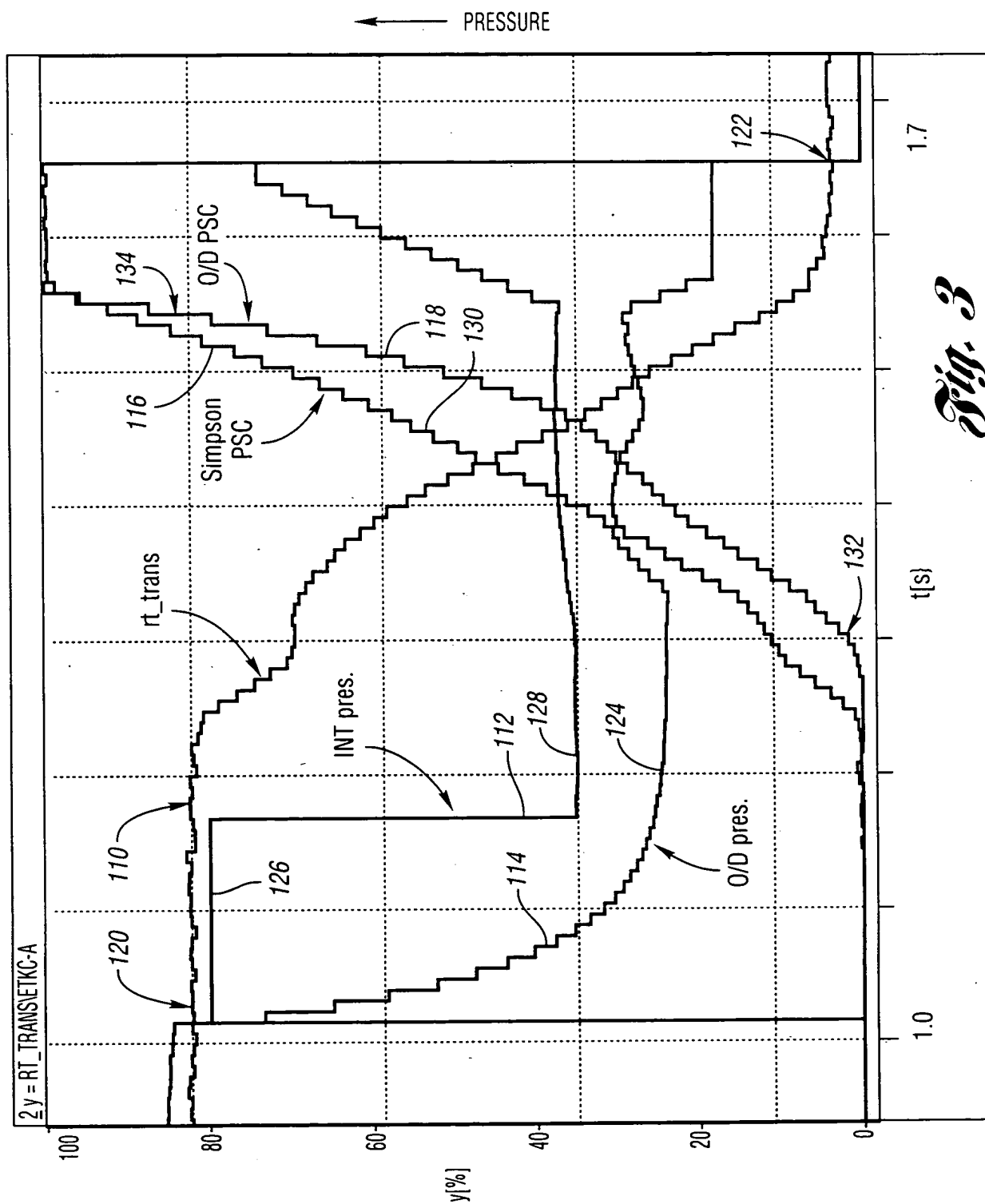
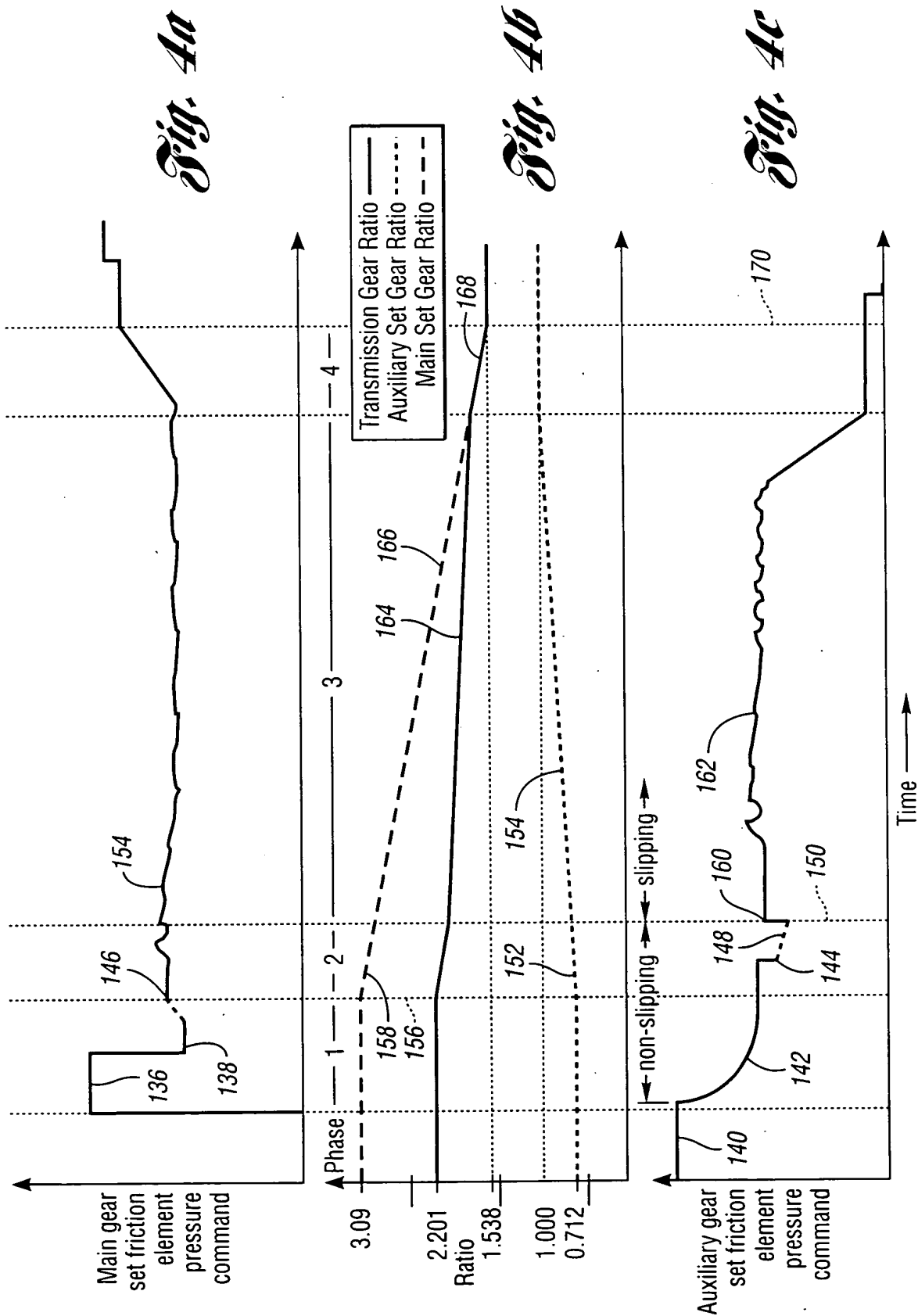


Fig. 3

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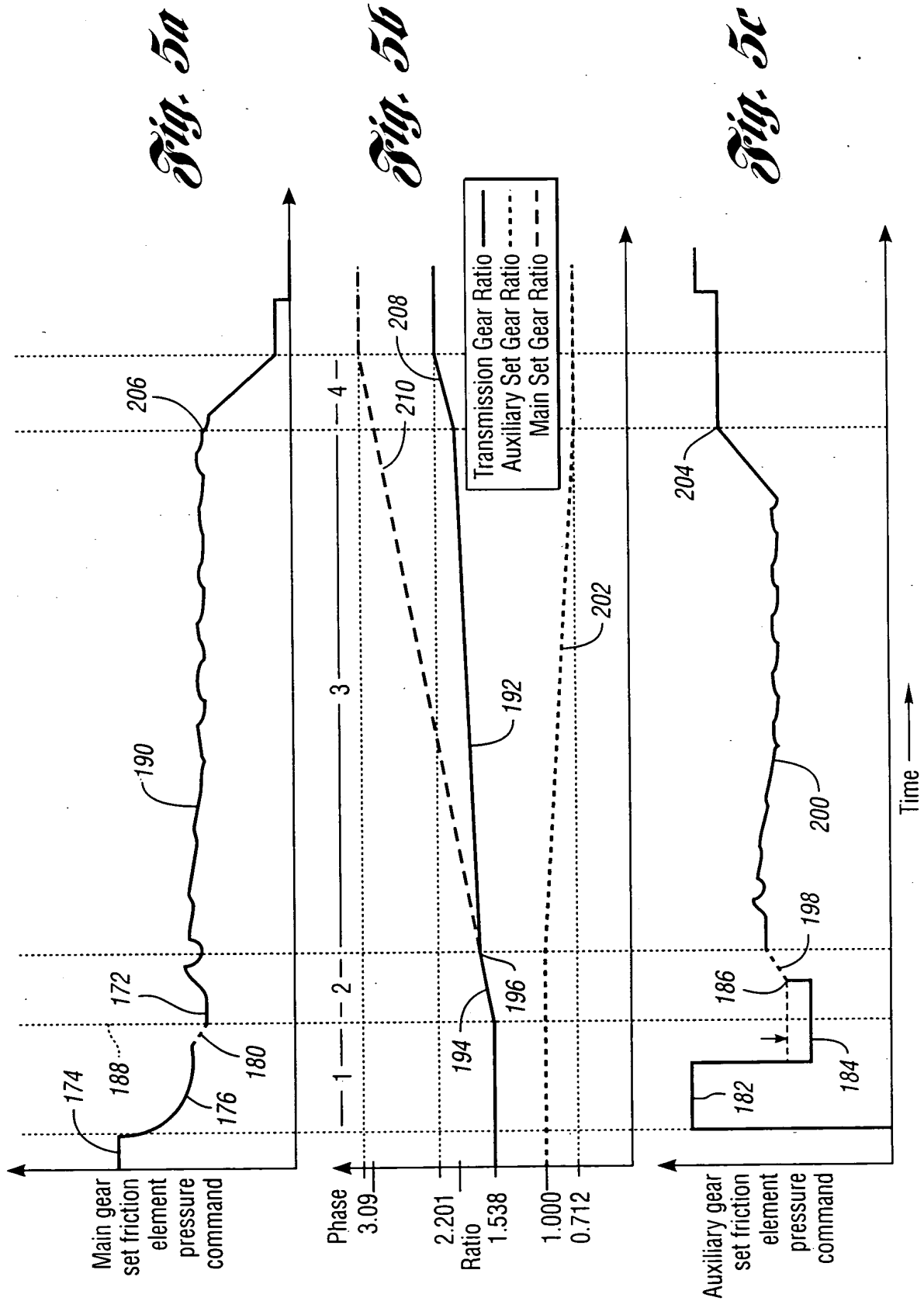
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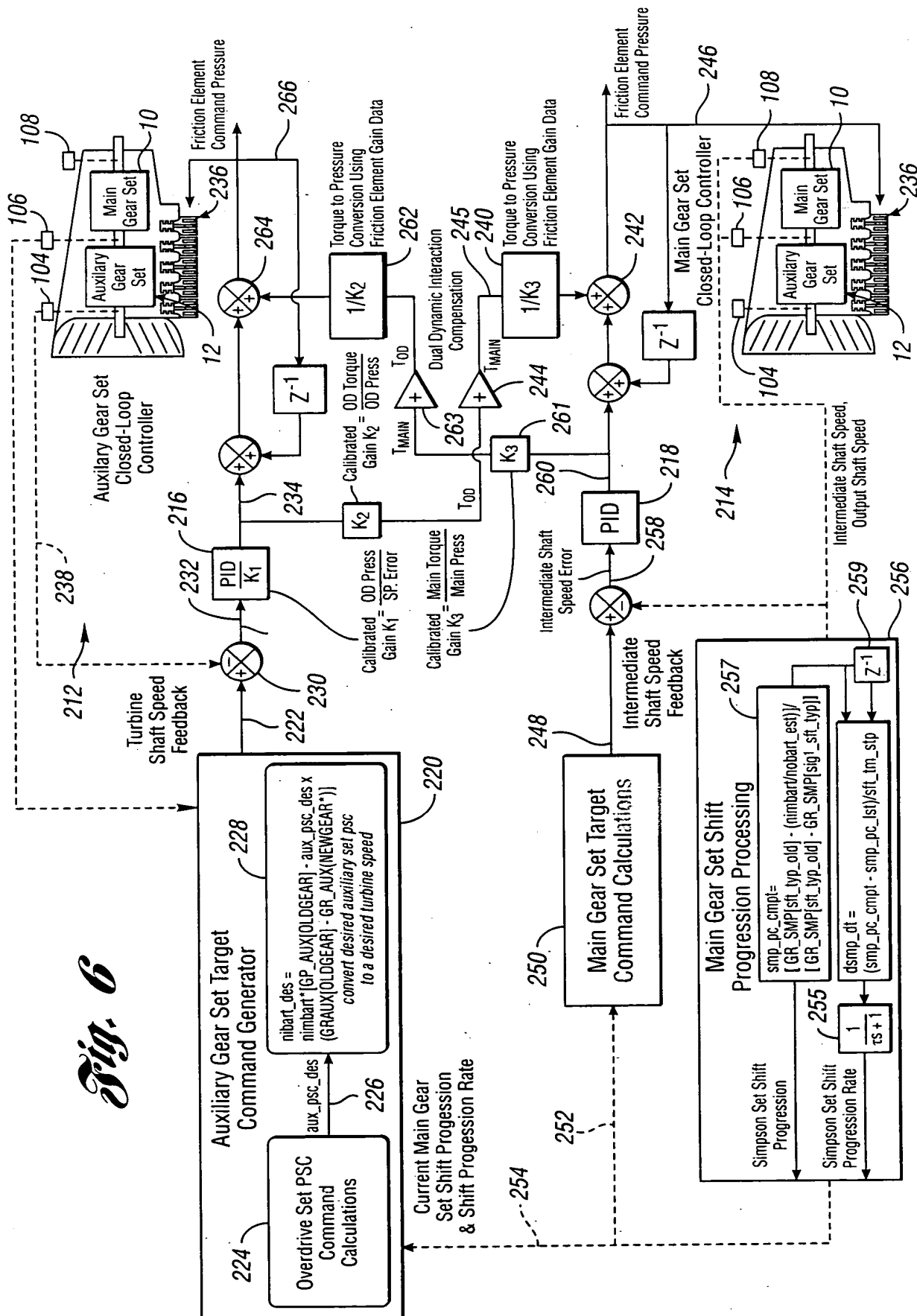


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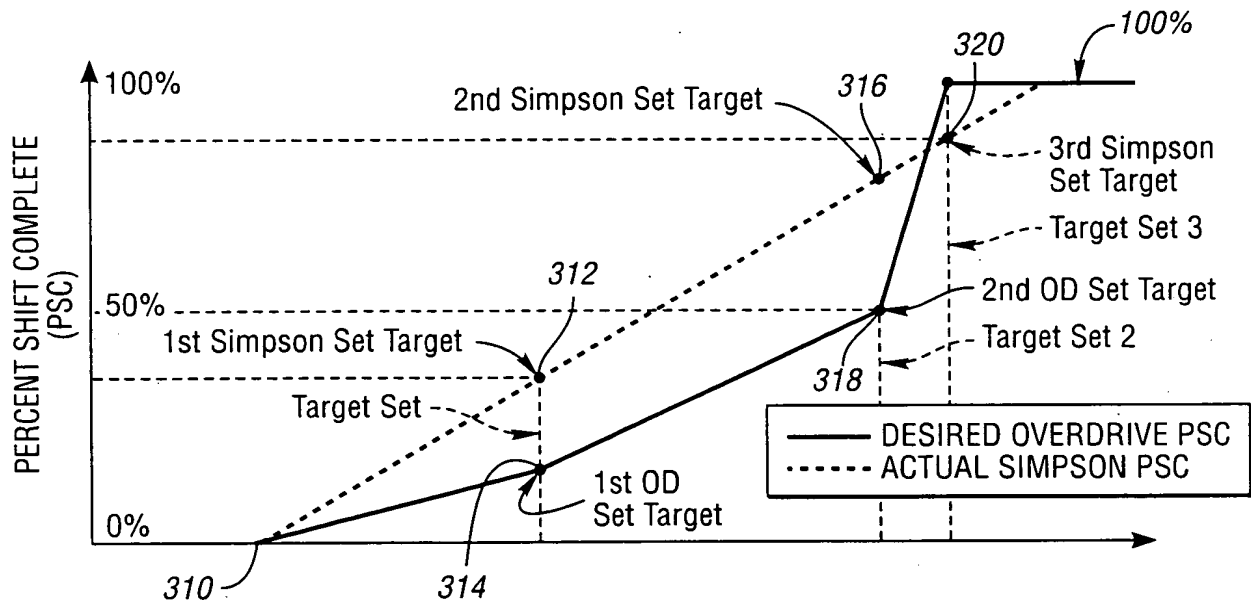


Fig. 7

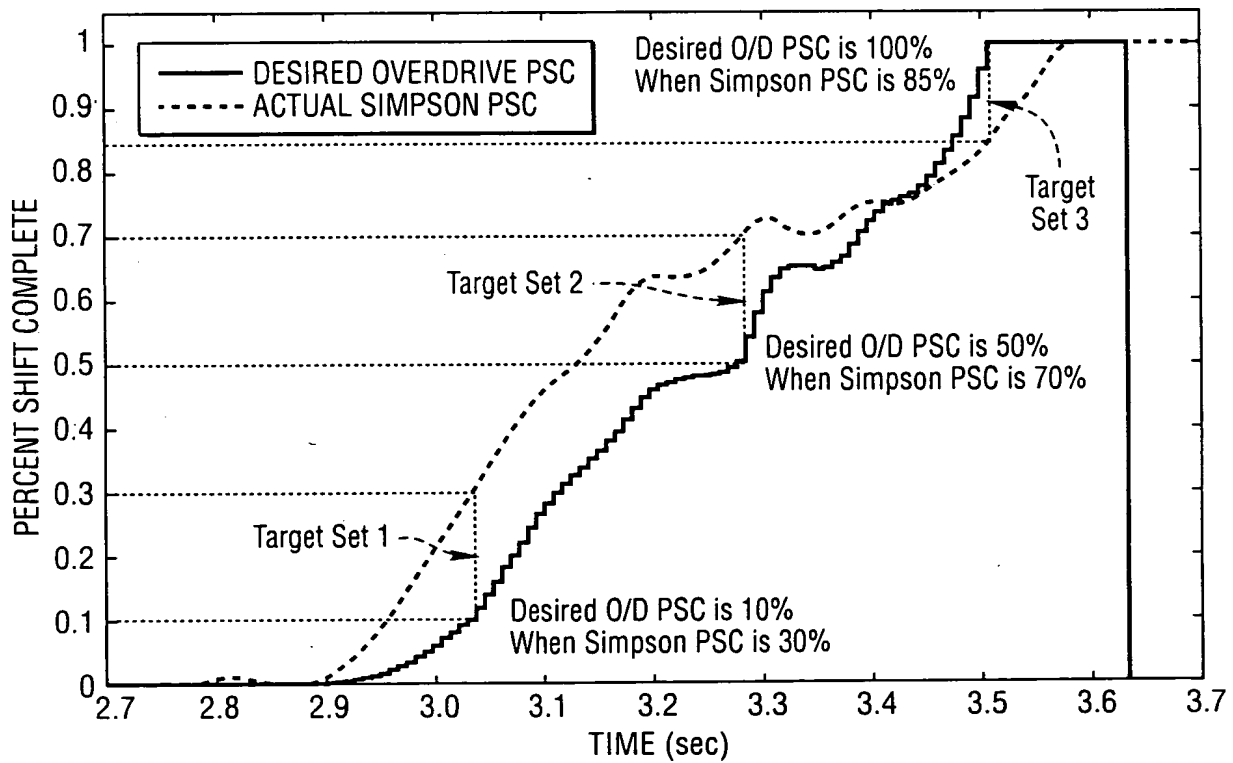
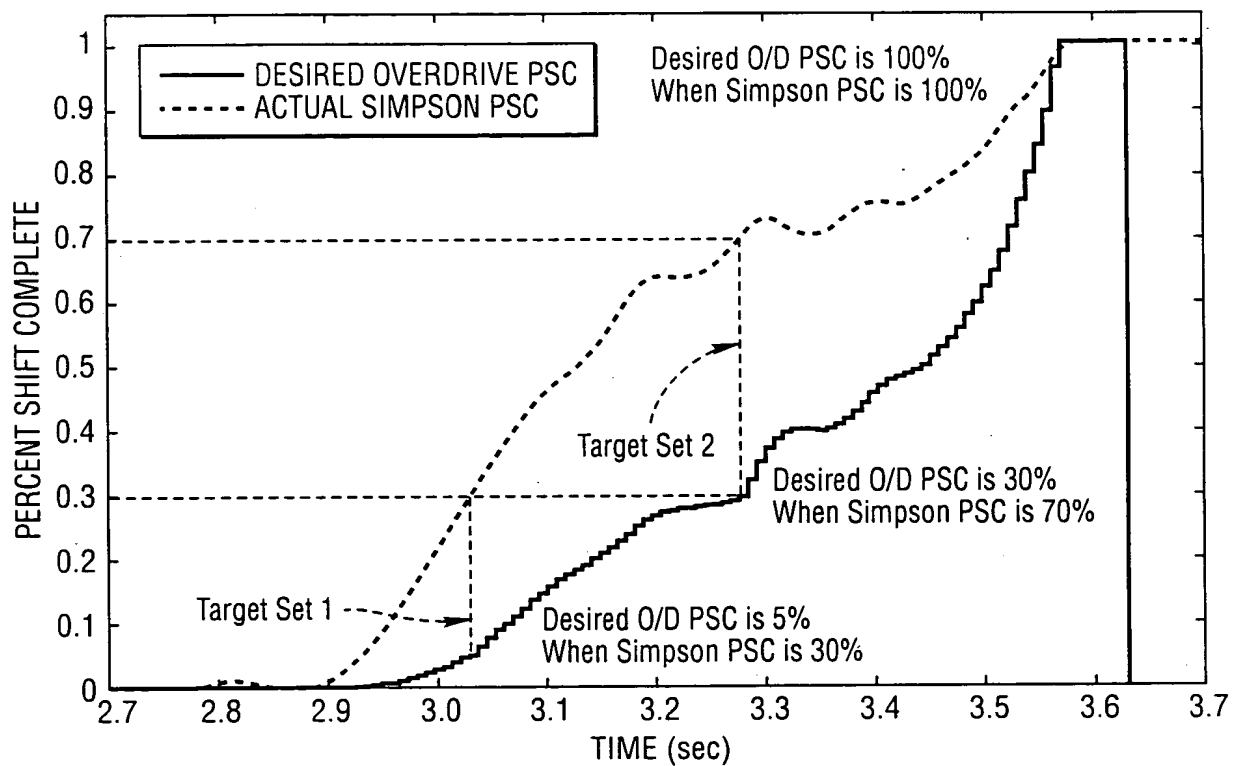


Fig. 8



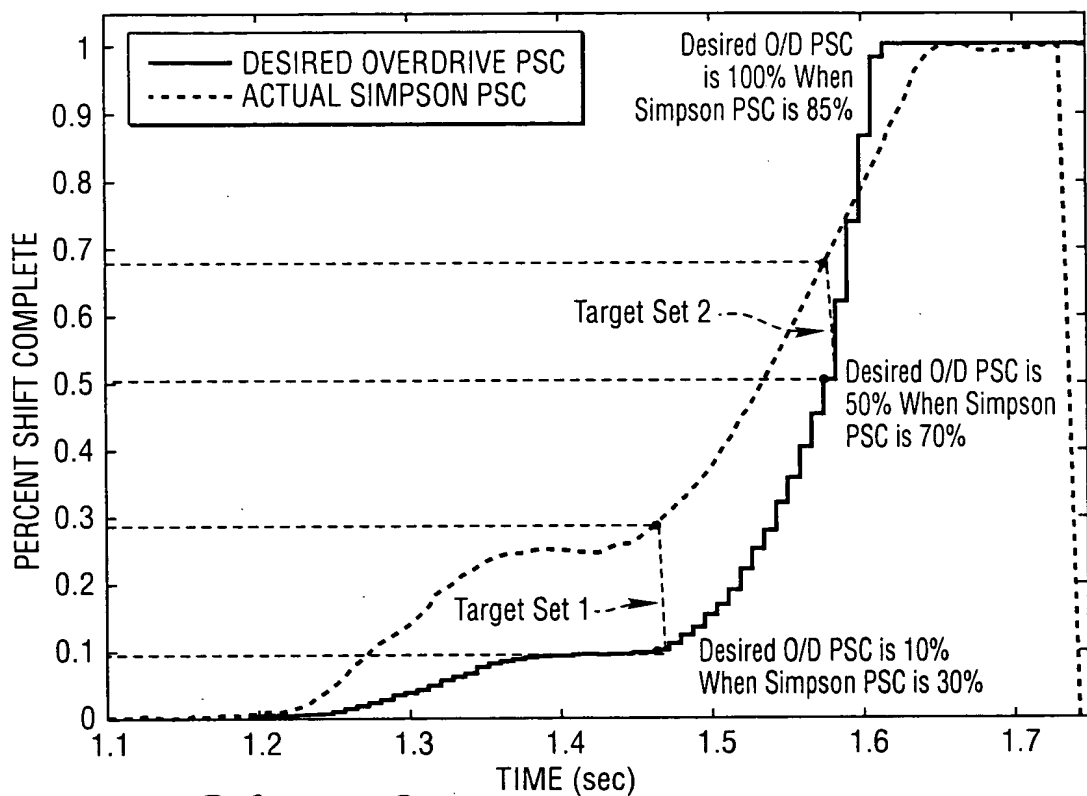
*Fig. 9*



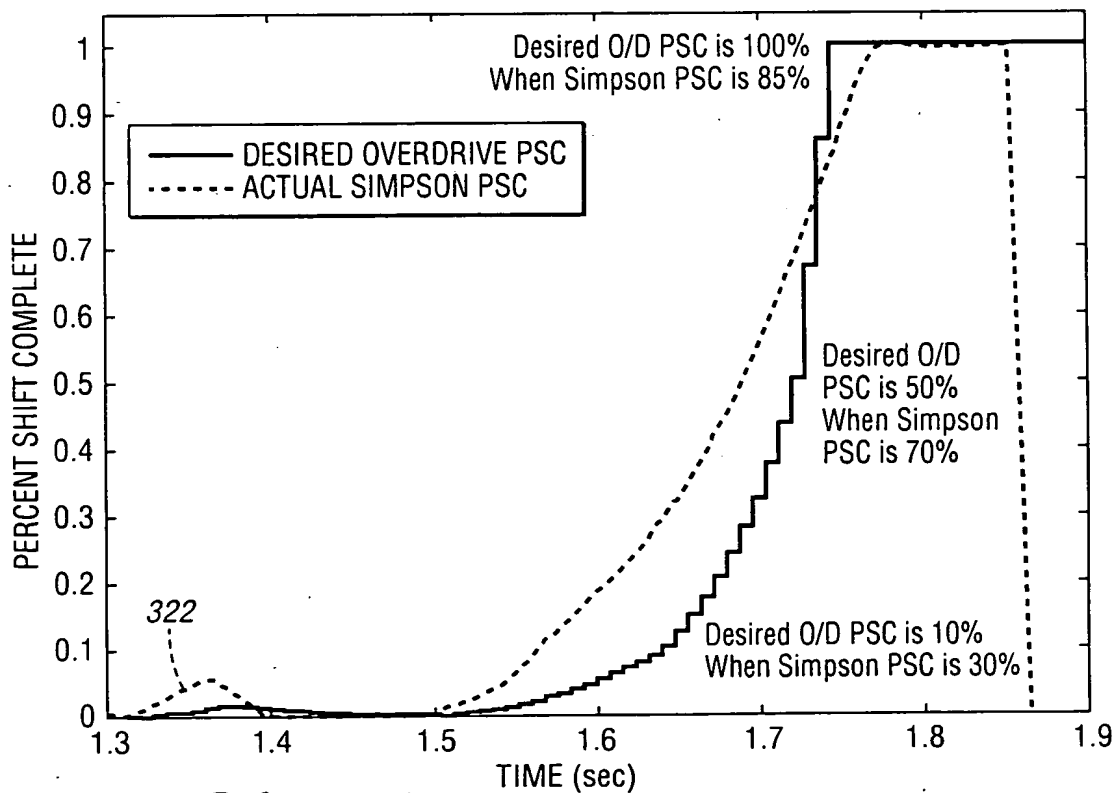
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*Fig. 10*



*Fig. 11*

Fig. 12

